

TOSHIBA

Satellite® 5005-S504

The Ultimate Multimedia machine

Model(s):

Satellite 5005-S504

- PIII
- 1.10GHz/15.0" TFT/512MB/30GB/DVD/CD-RW/Modem/LAN

Product Highlights

- Performance**
 - Intel Pentium III 1.10GHz processor
 - 512MB of Main Memory
- Convenient Design**
 - 30.0GB hard disk drive
 - Multifunction DVD-ROM/CD-RW
 - External 3.5" 1.44MB USB floppy diskette drive included
- Great Features**
 - 15.0" TFT active-matrix display
 - 16MB NVIDIA DDR video memory
- Connectivity**
 - Integrated V.90 56K modem
 - Integrated 10/100 Ethernet LAN

System Characteristics

Processor (See CPU Performance Disclaimer)
Intel Pentium III 1.10GHz (1100MHz) processor
Integrated co-processor

L2 Cache Memory

256KB Level 2 cache integrated on die
100MHz front side bus clock speed

Main Memory

512MB SDRAM

Expansion Memory

128/256MB
PC100 SDRAM
3.3V, TSOP, SODIMM
Data/Address Bus Width: 64-bit/32-bit

BIOS ROM

512KB, Intel FWH
Intel Chipset 815E

MASS STORAGE

Floppy Disk Drive

External USB 3.5", 1.44MB

Primary Hard Disk Drive

30.0 GB, 9.5mm height, 0.2 lbs
Enhanced IDE, 2.5"

Service removable

Access Time (read/write): 12ms/14ms

Track to Track seek time (read/write): 3ms/3ms

4,200 rpm drive rotation

Supports PIO Mode4, Ultra DMA Mode5, Multiword DMA Mode2

DVD-ROM/CD-RW:

- Maximum speed:** CD mode (24X read), CD-F mode (8X write), CD-RW mode (4X write), DVD mode (8X read)
- Compatibility:** CD-ROM, CD-R (read/write), CD-RW (read/re-write), DVD-ROM, DVD-R (read only)

Data Transfer Rate (min/max):

- CD mode: 1,500KB/sec / 3,600KB/sec
- CD-R mode: 1,200KB/sec
- CD-RW mode: 600KB/sec
- DVD mode: 3,375KB/sec / 10800KB/sec

Software Decoder: InterVideo (WinDVD)

Graphics/Video

Display

15.0" TFT color LCD active-matrix display (XGA)
Internal display supports up to 16M colors
1024 x 768

Graphics Controller

NVIDIA GeForce2Go graphics controller

- 183MHz DDR Bus Clock Speed
- 16MB DDR external video memory

3D Graphics Accelerator, AGP bus support
2D Graphics Accelerator, BitBLT hardware, Hardware cursor, Direct Draw support

External Color Support

640 x 480; 60/75/85/100Hz @ 16M colors
800 x 600; 60/75/85/100Hz @ 16M colors
1024 x 768; 60/75/85/100Hz @ 16M colors
1280 x 1024; 60/75/85/100Hz @ 16M colors
1600 x 1200; 60/75/85/100Hz @ 16M colors
1920 x 1440; 60/75Hz @ 16M colors
2048 x 1536; 60Hz @ 16M colors

Input Devices

Keyboard

Full sized 85 keys with 12 function keys
2.7mm key stroke, 6mm height, 19.05 key pitch
Hot Key Function
Dedicated Windows® & Application key support
TouchPad pointing device
In-Touch Button & Instant Access Internet Button

CD Control Function:

- Play/Pause
- Stop/Eject
- Previous
- Skip/Next
- CD Power

MP3 and CD Control Function

Expandability

2 memory slots
2 PC Card slots support two Type II or one Type III
PC Cards; 32-bit CardBus ready

Ports

- Video-Out (Monitor) port
- Infrared port
- 3 Universal Serial Bus port
- TV-Out (NTSC/PAL output)
- RJ-45 LAN port
- RJ-11 modem port
- S/PDIF
- i.Link (IEEE 1394) port
- SmartMedia slot
- Secure Digital (SD) card slot

Sound

YAHAMA YMF753 Codec Chip
16-bit stereo, Windows Sound System V.2.0, Sound Blaster® Pro compatibility (in DOS box only)

Built-in Harman/Kardon Stereo Speakers with subwoofer

Full Duplex, 64 Voices, MIDI (play back) Support
3D sound support (HRTF 3D positional audio)
DirectSound, Direct3DSound (supported by software driver), DirectMusic

- Hardware acceleration for DirectSound and DirectMusic

Ports

- External Microphone port
- Headphone port (integrated to S/PDIF)
- Line-In port
- Line-out (unified with TV-Out)
- Dolby AC3 Digital support (S/PDIF OPTICAL)

Sound Volume (by Dial)

Communication

Integrated (controller-less) V.90 56K modem

- Data and fax support

Integrated 10/100 Ethernet LAN

Due to FCC limitations, speeds of 53kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.

Physical Description

Dimensions (LxWxH):

- 12.9" x 11.6" x 1.8"

Weight: 6.9lbs

LED+LCD Indicators

- Power, DC-IN, Power Save Mode, Primary HDD, CD/DVD/DVD-CDRW, Caps Lock, Arrow Mode, Numeric Mode, Main Battery Charging Status (on Sub LCD), Remaining Battery Life (on Sub LCD), System Sleep / Suspend status, SD Card, SmartMedia

Power

AC Adapter

75W AC Adapter
100-240V / 50-60Hz frequency (Universal) input voltage

Dimension (LxWxH): 4.9" x 2.4" x 0.9"

Weight: 0.74lbs

Battery Pack

6 cell, rechargeable, removable Lithium Ion (Graphite) battery, 10.8V x 3900mAh

Battery life: 1.75H

Recharge time: 2.5H

Dimensions (LxWxH): 6.8" x 2.7" x 0.7"

Weight: 0.8 lbs

Battery Saver (in Windows)

- Stand by, HDD Auto Off, Display Auto Off, Throttling, Hibernation

Battery life may vary depending on applications, power management settings and features utilized.
Recharge time varies depending on usage.

Security

Physical Security: Slot for computer lock, Memory, HDD and Modem (by screw only)

Password Security: User Power-on password, Setup Security, HDD

Keyboard Lock (by Hotkey)

Screen Blank (by Hotkey)

Screen Saver by software

Bios

ACPI (V 1.0b), VESA (V 2.0), DPMS, DDC (DDC2B), SM BIOS (V 2.3), PC BIOS (V 2.1) Support

Operating System

Microsoft® XP Home pre-installed

Microsoft® Windows 2000 component drivers on the web

Additional Software

Lotus® SmartSuite Millennium Edition

Intuit Quicken Basic 2001

Norton AntiVirus 2002

AOL

Adobe Acrobat v5.0

Microsoft Internet Explorer

Toshiba Custom Utilities

Satellite Series Online Documentation

VirtualTech

Toshiba Great Software Offer: Receive your choice of two software titles. The software selection includes titles from the follow categories: productivity, education/reference, creativity and entertainment.

Warranty

International 1 year parts, labor and battery

Environmental Specifications

Temperature:

Operating: 5° to 35° C (41° to 95° F)

Non-operating: -20° to 65° C (-4° to 149° F)

Maximum Thermal gradient:

Operating: 15° C per hour

Non-operating: 20° C per hour

Relative Humidity:

Operating: 20% to 80% non-condensing
 Non-operating: 10% to 95% non-condensing

Altitude (relative to sea level):

Operating: -60 to 3000 meters
 Non-operating: -60 to 10,000 meters

Shock:

Operating: 10G
 Non-operating: 60G

Vibration:

Operating: 0.5G
 Non-operating: 1.0G

Accessories

KINGSTON Memory

KTT-S0133/128 128MB Memory
 KTT-S0133/256 256MB Memory

TOSHIBA SD Memory

SD-M3201M 32MB
 SD-M6401M 64MB
 SD-M1280M 128MB

Cases (Targus)

NWCTM1 Metropolitan Carrying Case (koskin)
 NWCSS1 Suburban Carrying Case (nylon)
 NWCEB1 Expedition Backpack
 NWCER1 Excursion Roller

Other Accessories

PA3083U-1ACA Universal AC adapter
 PA3123U-1BRS Li-Ion Battery
 PA3079U-1PCC 2GB Type II HDD
 PA450U Targus Defcon Key Lock
 CMD0900 Targus Keep you Connected Kit

Wi-Fi (Agere)

8484415560 Orinoco Wireless LAN PC Card (Gold)
 8485582350 Orinoco AP-1000 Access Point

8485878380 Orinoco AP-500 Access Point
 8485463880 Orinoco RG-1000 Residential
 Gateway
 8485893390 Orinoco Range Extending
 Antenna

Product/Part Number/UPC

Satellite 5005-S504 PS500U-00Y0LX

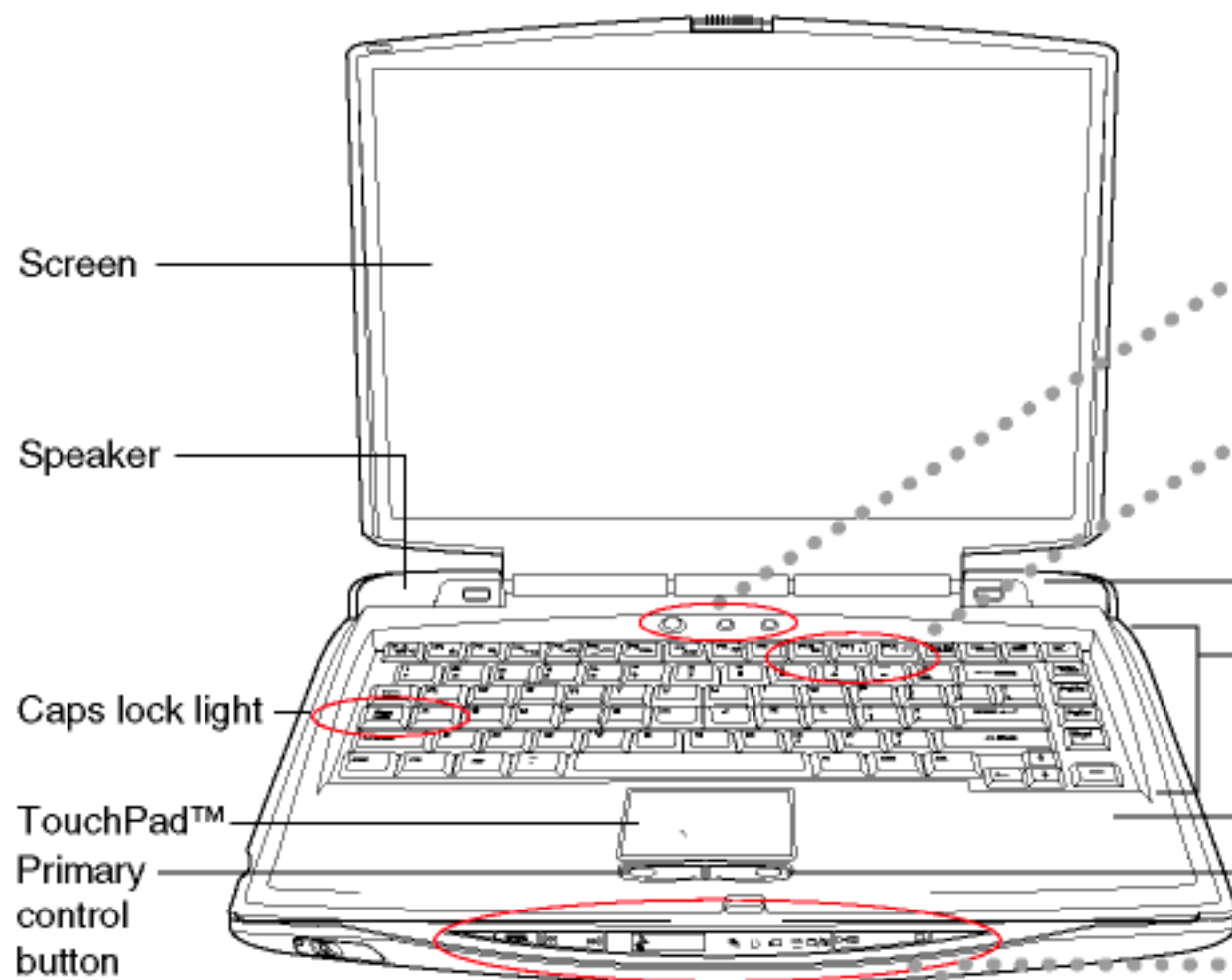
Central Processing Unit ("CPU")**Performance Disclaimer:**

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power without changing factory pre-set power management settings
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 35°C (41°F to 95°F) or >25°C (77°F) at high altitude (all temperature references are approximate).

Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

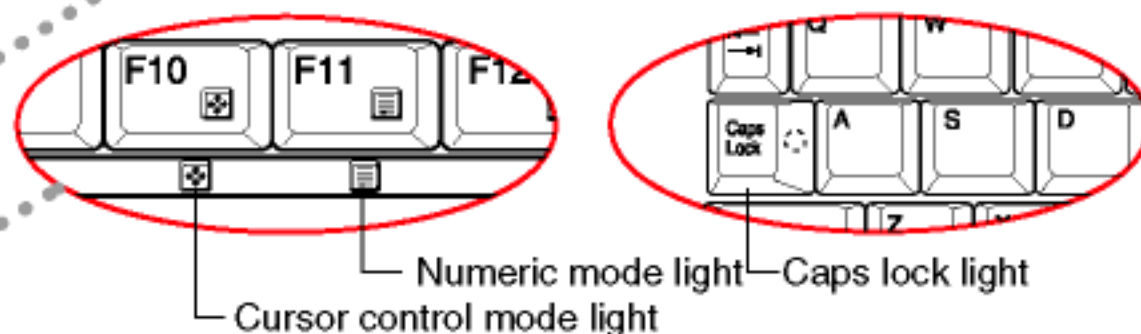
Front with display open



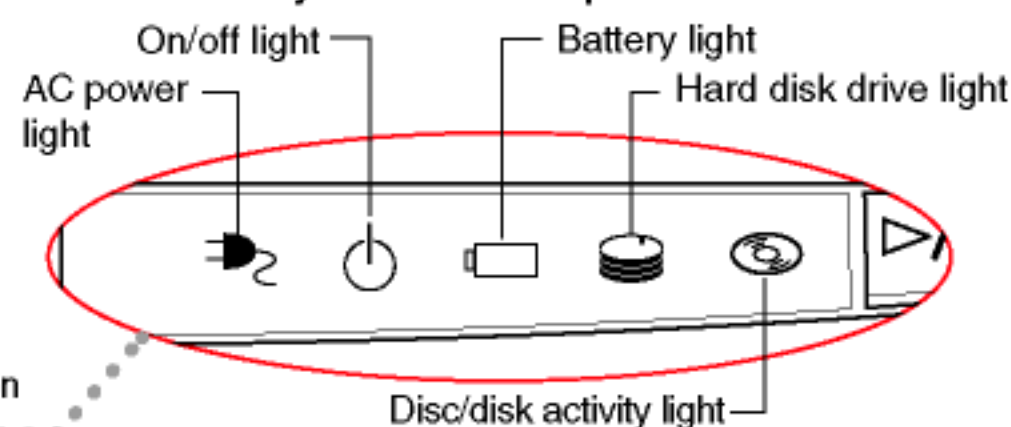
Panel buttons



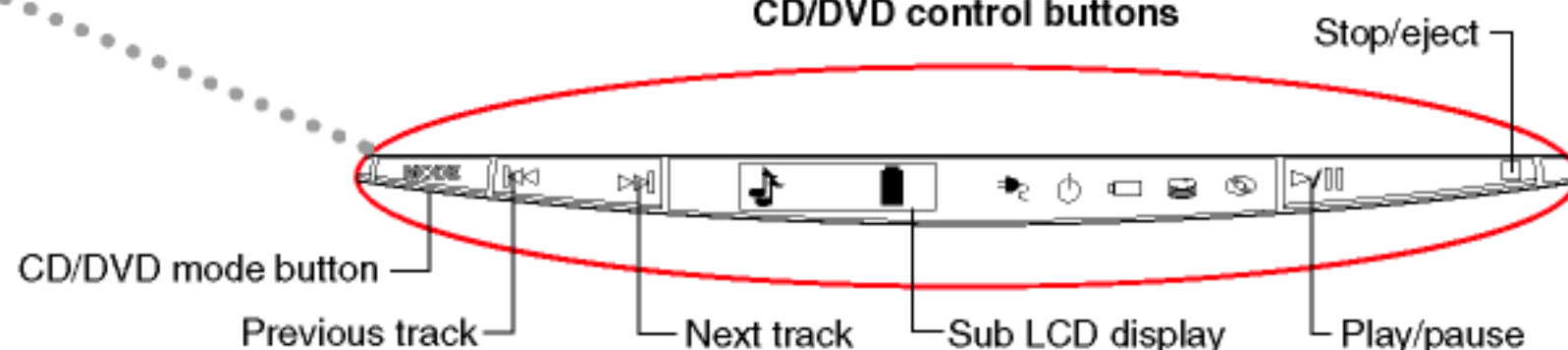
Keyboard indicator lights



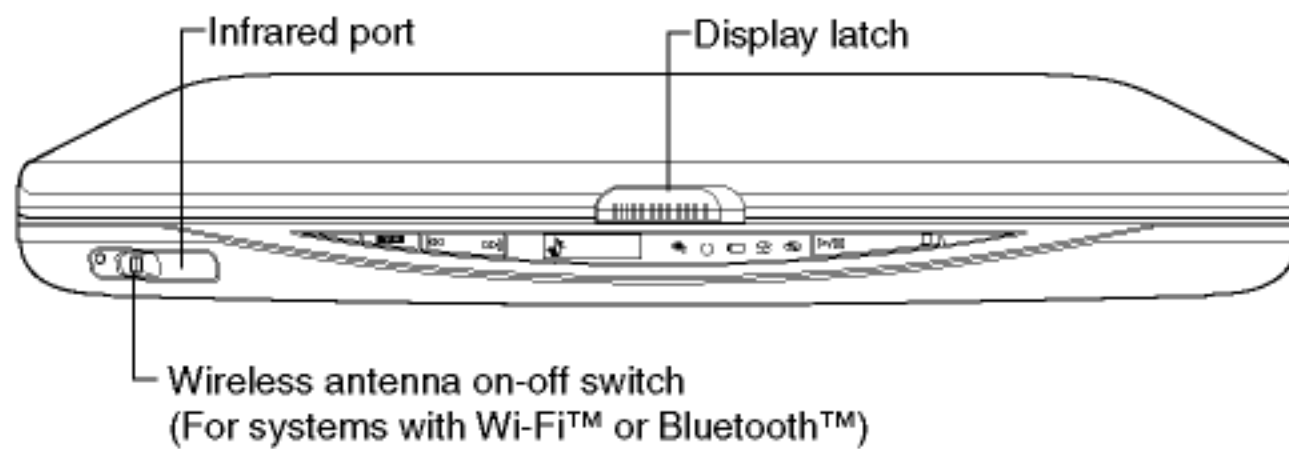
System indicator panel



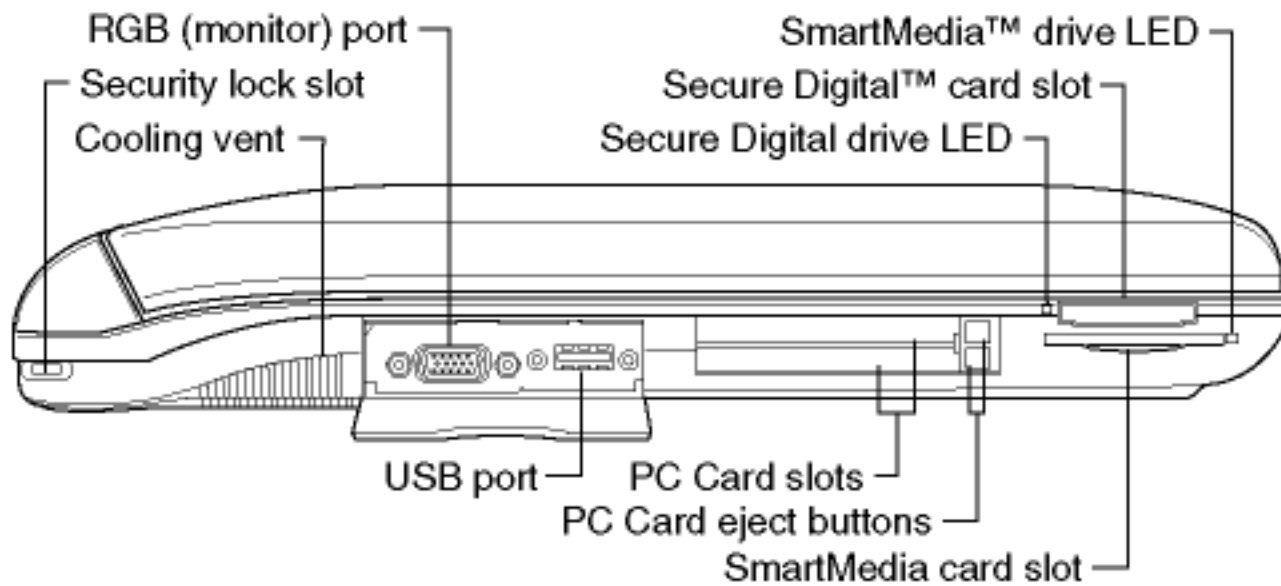
CD/DVD control buttons



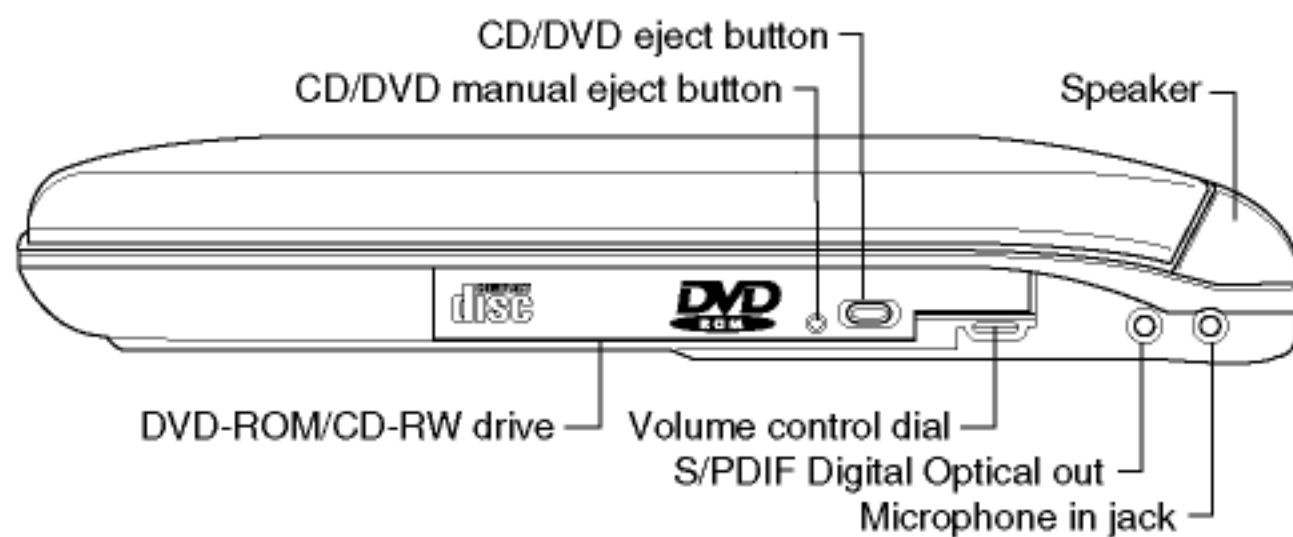
Front with display closed



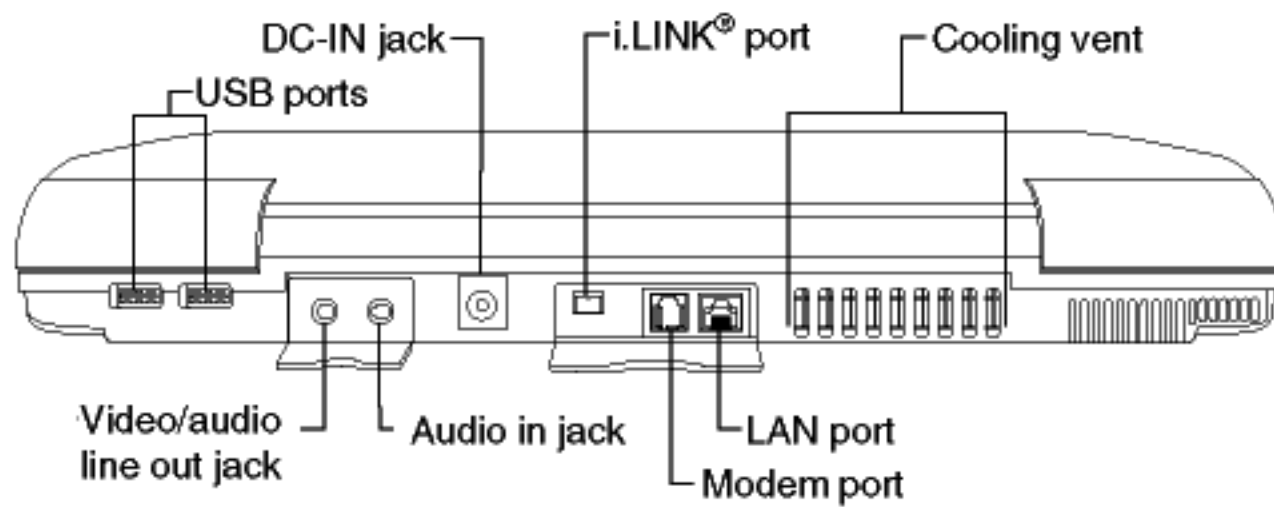
Left side



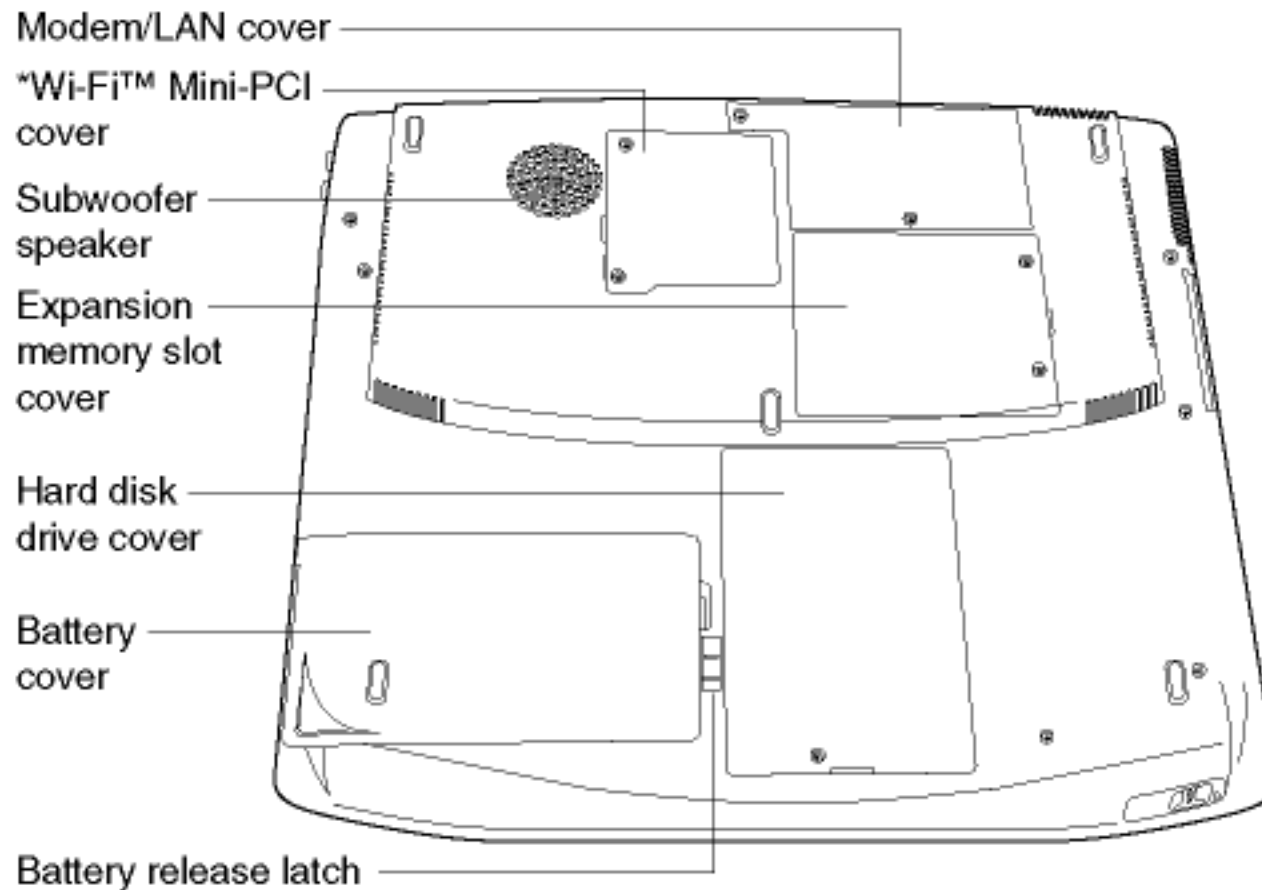
Right side



Back



Underside



*For systems with Wi-Fi or Bluetooth